Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 06:00 on Thursday 24 Dec 2020 until 23:59 on Friday 25 Dec 2020

Forecast Issued on Thursday 24 Dec 2020 at 00:14

Confidence: High for a cold start and then a change, briefly, to milder, wetter and windier conditions but lower with regard to details, especially through Monday with low pressure centred over the UK.

Headline for Thursday 24 Dec 2020: Sunny spells and a few snow showers. Very cold with strong northerly winds easing.

Mountain weather hazards on Thursday 24 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Light snow showers	Light snow showers	Cloudy	Partly cloudy (night)	Clear night
Precipitation probability					
60%	70%	50%	30%	10%	00%

Forecast for Thursday 24 Dec 2020

Weather: A bright though rather cloudy start to the day with snow showers spreading inland, mainly over northern and western hills. Any showers will die out through the afternoon to leave a dry evening, with clear spells developing.

Chance of cloud free mountain/hill tops above 800m: Around 40-50% across northern and western hills through the morning and early afternoon with occasional cloud above 600m, otherwise close to 100% with little or no cloud below the summits.

Visibility: Very good or excellent, with distant hills clearly visible, falling to just a few kilometres in and around any showers.

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Forecast for Thursday 24 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	38/46 N	32/42 N	28/39 N	26/35 N	25/34 N	21/29 N	17/23 N
600	24/31 N	23/34 N	21/32 N	18/28 N	17/26 N	13/21 N	10/15 N
300	15/28 NW	15/29 N	15/29 N	13/26 N	12/25 N	8/20 N	6/14 N
Valley	16/29 NW	17/31 N	17/31 N	15/28 N	13/27 N	10/23 N	8/19 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-11	-3/-11	-3/-11	-3/-11	-3/-11	-3/-10	-3/-10
600	0/-7	-0/-7	-0/-7	-0/-7	-0/-7	-1/-6	-1/-6
300	2/-3	2/-3	2/-3	2/-3	2/-3	1/-2	1/-2
Valley	4/-1	4/-1	4/-1	4/-1	4/-1	3/-1	3/-0
Freezing Level*	500m	400m	400m	300m	300m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts close to 45-50mph over ridges and summits through the early hours, giving a significant chill effect at all levels.

Forecast for Friday 25 Dec 2020

Weather: Clear skies at first but cloud increasing from the northwest towards dawn. Then a bright start but cloud continuing to thicken cloudy morning with outbreaks of mainly light sleet and snow developing towards midday, these turning increasingly to rain below about 900m through the afternoon. The rain, and summit sleet and snow, becomes more persistent and occasionally heavy for a time during the evening.

Maximum wind: Northerly or north-westerly 15mph backing south-westerly 20-25mph through the morning, with gusts around 45mph over ridges and summits by evening.

Chance of cloud free mountain/hill tops above 800m: Around 75% at first with occasional cloud above 750m but becoming close to zero through much of the day with periods or persistent cloud above 600m and, especially in the south and west, patches below.

Visibility: Very good or excellent, with distant hills clearly visible, falling to mediocre in and around any showers, with neighbouring hills occasionally difficult to see in higher peak snow.

Temperature: **Valleys:** Minus 1 Celsius overnight rising to plus 9 or 10 Celsius by day
At 800m: Around minus 4 Celsius rising to plus 2 Celsius through the afternoon and evening
Freezing level: 300m at first gradually rising to just above the summits.

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Ground Conditions Supplement
No recent ground conditions report available.

Issued at: 00:14 on Thu 24 Dec 2020

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